

Converting Colors

HunterLab(62.2221, -35.7901,
6.4224)

Have a look what the booklet for
HunterLab(62.2221, -35.7901,
6.4224) contains.

HunterLab(62.3122, -35.8567, 6.5588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(62.3122,
-35.8567, 6.5588)**

Conversions

Conversions Part 1

Format	Color
Hex	36BB9F
RGB	54, 187, 159
RGB Percent	21%, 73%, 62%
CMY	0.7882, 0.2667, 0.3765
CMYK	0.71, 0.00, 0.15, 0.27
HSL	167°, 55%, 47%
HSV	167°, 71%, 73%
XYZ	25.5496, 38.8281, 38.9488
YIQ	144.0410, -70.2800, -36.9040

Conversions

Conversions Part 2

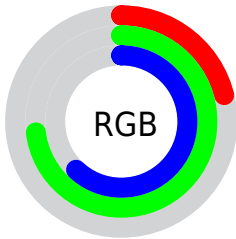
Format	Color
RYB	54, 128, 187
Decimal	3586975
CIELab	68.63, -42.08, 3.93
CIELCh	69, 42.263, 174.658
Yxy	38.8296, 0.2473, 0.3758
Android (android.graphics.Color)	4281777055 (0xFF36BB9F)
YUV	144.0410, 7.3748, -78.9660
Hunter-Lab	62.3122, -35.8567, 6.5588

Details

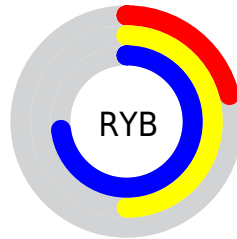
The HunterLab color **62.3122, -35.8567, 6.5588** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **37.1663, 47.0402, 10.9885**, and the grayscale version is **52.8199, -2.8183, 2.8698**.

A 20% lighter version of the original color is **85.7195, -41.5258, 8.0898**, and **42.2585, -27.0899, 5.6599** is the 20% darker color. If you saturate the color by 10%, you get **61.8654, -37.8741, 7.7117**, and if you desaturate by 10%, it is **62.9199, -33.2237, 5.5651**.

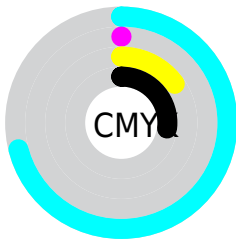
Distribution



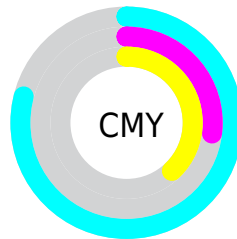
- Red (21%)
- Green (73%)
- Blue (62%)



- Red (21%)
- Yellow (50%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (79%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.3122, -35.8567, 6.5588 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 62.3122, -35.8567, 6.5588 by changing the saturation by 10% instead.

■ 62.3122, -35.8567,
6.5588

■ 62.3122, -35.8567,
6.5588

184.7067,
-59.5389, 14.6684

■ 51.6016, -32.8152,
5.7726

■ 85.6609, -41.5789,
8.2032

■ 41.5854, -29.6075,
5.0085

■ 98.2307, -44.3043,
9.0598

■ 32.3171, -26.1812,
4.2662

■ 111.3614,
-46.9605, 9.9394

■ 23.8627, -22.4552,
3.5435

■ 125.0301,
-49.5592, 10.8415

■ 16.3098, -18.2967,
2.8355

■ 139.2163,
-52.1096, 11.7658

■ 9.7825, -17.1193,
2.2119

153.9018,

0.0000, NaN, NaN

-54.6191, 12.7120

0.0000, NaN, NaN

169.0703,
-57.0938, 13.6796

0.0000, NaN, NaN

■ 62.3122, -35.8567,
6.5588

■ 62.3122, -35.8567,
6.5588

■ 61.8654, -37.8741,
7.7117

■ 62.9199, -33.2237,
5.5651

■ 61.5597, -39.3234,
8.9936

■ 63.6963, -29.9505,
4.7509

■ 61.3746, -40.2597,
10.1963

■ 64.6505, -26.0358,
4.1337

■ 65.7870, -21.4959,
3.7251

■ 67.1074, -16.3615,
3.5313

■ 68.6110, -10.6745,
3.5541

■ 70.2950, -4.4841,
3.7905

■ 72.1551, 2.1565,
4.2346

■ 74.1856, 9.1928,
4.8771

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.3134, -30.5594, 20.4138



62.3122, -35.8567, 6.5588



62.3134, -33.3313, -13.0251

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.3134, -35.8571, 6.5595



62.3134, 12.7554, -37.4737



62.3134, 19.3848, 25.6995

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.3122, -35.8567, 6.5588



37.1663, 47.0402, 10.9885

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.3134, 33.7079, 16.2842



62.3122, -35.8567, 6.5588



62.3134, 29.5688, -20.4062

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.3134, -35.8571, 6.5595



62.3134, -6.7128, -42.4150



62.3134, 37.6420, 0.0487



62.3134, 0.1301, 29.1238

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.3122, -35.8567, 6.5588



62.3134, -27.3719, -26.5195



62.3134, 37.6420, 0.0487



62.3134, 25.0239, 23.2989

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.3134, -35.8571, 6.5595



89.7656, -22.0546, 4.7284



61.3508, -43.3884, 33.6710



41.8838, -11.2775, 2.2398



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3134, -35.8571, 6.5595



82.5549, -51.7932, 11.2026



50.9596, -14.6060, -23.5556



32.8241, -4.5829, 1.7058



50.9546, -33.3531, 8.3110



10.1282, -6.3373, 1.0210

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.1663, 47.0402, 10.9885



45.5834, 72.0939, 19.5566



42.9325, 28.6460, 22.1356



30.9328, 1.3238, 1.8413



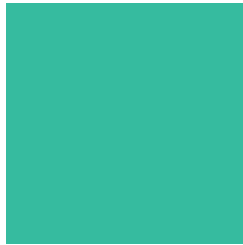
27.1858, 46.9663, 14.3898



5.4704, 9.6263, 1.5342

Previews

White Background



This preview shows how the HunterLab color 62.3122, -35.8567, 6.5588 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 62.3122, -35.8567, 6.5588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

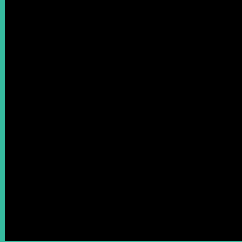
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

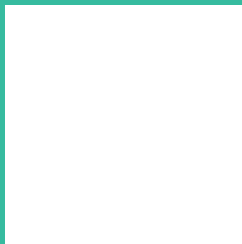
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 62.3122, -35.8567, 6.5588 Background



This preview shows how black text looks on a background with the HunterLab color 62.3122, -35.8567, 6.5588.



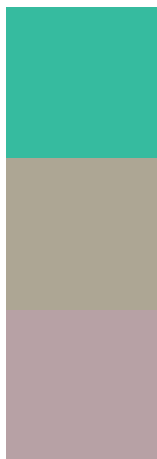
This preview shows how white text looks on a background with the HunterLab color 62.3122, -35.8567, 6.5588.

-35.8567, 6.5588.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.3122, -35.8567, 6.5588

Protanopia

61.8828, -3.8330, 11.2217

Deuteranopia

61.8657, 4.4482, 4.0839



Tritanopia

62.3361, -24.7881, -11.6953

Trichromacy



Original Color

62.3122, -35.8567, 6.5588



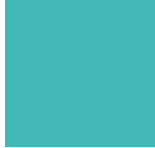
Protanomaly

61.0614, -19.1311, 8.4468



Deuteranomaly

60.5211, -14.0713, 3.1010



Tritanomaly

62.3363, -29.0980, -4.7085

Monochromacy



Original Color

62.3122, -35.8567, 6.5588



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

55.3995, -17.8440, 3.3940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.3122, -35.8567, 6.5588 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(54, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(54, 187, 159)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(54, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 187, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 62.3122, -35.8567, 6.5588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(54, 187, 159) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(54, 187, 159) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(54, 187, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 187, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 187, 159);  
box-shadow:4px 4px 4px 4px rgb(54, 187,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.3122, -35.8567, 6.5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 187, 159) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(54, 187,  
159) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor